EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	245	422/128.ccls.	US-PGPUB; USPAT	OR	OFF	2009/01/21 08:38
L2	302	422/128.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/21 08:38
L3	173	422/127.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/21 08:43
L5	325	b01f11/02.ipcr.	US-PGPUB; USPAT	OR	OFF	2009/01/21 09:01
L6	858	b01f11/02.ipcr.	FPRS; EPO; JPO; DERWENT	OR	OFF	2009/01/21 09:01
L7	2	b01f11/02.ipcr. and (foci or focus)	FPRS; EPO; JPO; DERWENT	OR	OFF	2009/01/21 09:02
L8	6	b01f11/02.ipcr. and (foci $4 or focu$4)	FPRS; EPO; JPO; DERWENT	OR	OFF	2009/01/21 09:02
L9	6	b01f11/02.ipcr. and (foc $4)	FPRS; EPO; JPO; DERWENT	OR	OFF	2009/01/21 09:04
L10	434	b06b1/00.ipcr.	FPRS; EPO; JPO; DERWENT	OR	OFF	2009/01/21 09:05
L11	9	b06b1/00.ipcr. and (foc $4)	FPRS; EPO; JPO; DERWENT	OR	OFF	2009/01/21 09:05
L12	25	366/127.ccls.	FPRS; EPO; JPO; DERWENT	OR	OFF	2009/01/21 09:06
L13	492	366/127.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/21 09:07
L14	356	366/127.ccls.	US-PGPUB; USPAT	OR	OFF	2009/01/21 09:07
L15	150	366/116.ccls.	US-PGPUB; USPAT	OR	OFF	2009/01/21 09:39
S1	132	(US-5705813-$ or US-5681484-$ or US-5658413-$ or US-5635358-$ or US-5637469-$ or US-5632876-$ or US-5587128-$ or US-5508234-$ or US-5498392-$ or US-5500071-$ or US-5573334-$ or US-6176991-$ or US-6033546-$ or US-5599432-$ or US-4521117-$ or US-3849075-$ or US-6153073-$ or US-6065864-$ or US-	USPAT	OR	OFF	2002/09/25 09:05

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S2	3	(US-3304063-$ or US-2634109-$ or US-1842877-$).did.	USPAT	OR	OFF	2002/09/25 08:50
S3	18	(US-6270641-$ or US-6271038-$ or US-6238538-$ or US-6251343-$ or US-5800690-$ or US-6167910-$ or US-6221654-$ or US-6235175-$ or US-6153073-$ or US-6156181-$ or US-6143152-$ or US-6150119-$ or US-6148508-$ or US-6149787-$ or US-6129826-$ or US-5852495-$ or US-5965001-$ or US-6150180-$).did.	USPAT	OR	OFF	2002/09/25 08:52
S4	19	(US-6071081-$ or US-6065864-$ or US-5443985-$ or US-5221326-$ or US-5275787-$ or US-4849340-$ or US-5605653-$ or US-5699462-$ or US-4792283-$ or US-4007010-$ or US-4723129-$ or US-5375979-$ or US-6062681-$ or US-6010316-$ or US-6192939-$ or US-5571410-$ or US-6129702-$ or US-RE36350-$ or US-6186659-$)".d"	USPAT	OR	OFF	2002/09/25 08:55
S5	1	("1750245").PN.	USPAT; USOCR	OR	OFF	2002/09/25 08:55

| S6 | 132 | (("6186660") or ("6184029") or ("6180536") or ("6170981") or ("6156273") or ("6136272") or ("6101715") or ("6082891") or ("6036927") or ("6031286") or ("5993750") or ("5980704") or ("5971158") or ("5928880") or ("5904424") or ("5803600") or ("5727618") or ("5681484") or ("5205902") or ("5803600") or ("6176991") or ("5957579") or ("5842787") or ("5573334") or ("4521117") or ("3849075") or ("3304063") or ("2634109") or ("1842877") or ("6194900") or ("5965001") or ("5932100") or ("5800690") or ("4908112") or ("4397100") or ("6213151") or ("6210986") or ("6209928") or ("6200814") or ("6194066") or ("6192939") or ("6192596") or ("6190034") or ("6176962") or ("6174675") or ("6159739") or ("6158712") or ("6156181") or ("6150180") or ("6150119") or ("6146103") or ("6134950") or ("6132685") or ("6130098") or ("6129973") or ("6129854") or ("6129826") or | USPAT; USOCR | OR | OFF | 2002/09/25 08:57 |

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("5587128") or
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		("5500071") or ("5498392") or ("5486335") or ("5482598") or ("5427946") or ("5327777") or ("5304487") or ("5296375") or ("4516632") or ("5760894") or ("6033546") or ("5599432") or ("6065864") or ("6153073") or ("6149787") or ("6068752") or ("5893974") or ("6063589")).PN.				
S7	25	(US-5354460-$ or US-5938333-$ or US-4999102-$ or US-1409259-$ or US-3533594-$ or US-2734224-$ or US-4537217-$ or US-5783129-$ or US-5289224-$ or US-5992453-$ or US-4017240-$ or US-4550681-$ or US-4354932-$ or US-4636315-$ or US-3825645-$ or US-3381336-$ or US-5304487-$ or US-5296375-$ or US-3020579-$ or US-5637469-$ or US-5866345-$ or US-5635358-$ or US-5427946-$ or US-5355318-$ or US-5955029-$).did.	USPAT	OR	OFF	2002/09/25 08:59
S8	33	(US-5646039-$ or US-5523058-$ or US-4678340-$ or US-4688306-$ or US-4641155-$ or US-6187211-$ or US-6081064-$ or US-5794023-$ or US-5738635-$ or US-5563346-$ or US-5535006-$ or US-5452267-$ or US-5030872-$ or US-4888861-$ or US-	USPAT	OR	OFF	2002/09/25 09:00

		4829209-$ or US-4395652-$ or US-4467237-$ or US-4586512-$ or US-4558249-$ or US-4446396-$ or US-4012952-$ or US-2956184-$ or US-3624896-$ or US-5174296-$ or US-5780748-$ or US-5466932-$).did. or (US-4938742-$ or US-4961252-$ or US-4541429-$ or US-6010316-$ or US-5644184-$ or US-4879011-$ or US-4692776-$).did.				
S9	62	(US-5965237-$ or US-5904424-$ or US-5858567-$ or US-5863671-$ or US-5858188-$ or US-5811062-$ or US-6210514-$ or US-6184608-$ or US-6082185-$ or US-5824186-$ or US-5783856-$ or US-5771321-$ or US-5469020-$ or US-5534328-$ or US-3856270-$ or US-3823457-$ or US-4392362-$ or US-5839467-$ or US-5705070-$ or US-5585011-$ or US-5369007-$ or US-5223219-$ or US-5077017-$ or US-5039617-$ or US-4946795-$ or US-4868129-$).did. or (US-4756884-$ or US-4618476-$ or US-4610170-$ or US-4596780-$ or US-6296020-$ or US-6274337-$ or US-6071478-$ or US-5099311-$ or US-5070606-$ or US-5372946-$ or US-5028142-$ or US-5016707-$ or US-	USPAT	OR	OFF	2002/09/25 09:03

		4728500-$ or US-6376181-$ or US-6368871-$ or US-4124478-$ or US-6290685-$ or US-6287517-$ or US-5376252-$ or US-3901731-$ or US-6171850-$ or US-6190034-$ or US-6184029-$ or US-6176962-$ or US-6168948-$ or US-5595712-$ or US-6143247-$).did. or (US-6126804-$ or US-6103537-$ or US-6063589-$ or US-6054034-$ or US-5698299-$ or US-5234586-$ or US-6388231-$ or US-6391559-$).did. or (US-5935401-$ or US-5858188-$ or US-5904424-$).did.				
S17	1	("6143152").PN.	USPAT; USOCR	OR	OFF	2005/09/14 10:19
S18	279	(US-5632876-$ or US-5599432-$ or US-5587128-$ or US-5573334-$ or US-5508234-$ or US-5500071-$ or US-5498392-$ or US-5486335-$ or US-5482598-$ or US-5427946-$ or US-5327777-$ or US-5304487-$ or US-5296375-$ or US-5205902-$ or US-4963498-$ or US-4908112-$ or US-4521117-$ or US-4516632-$ or US-4397100-$ or US-3849075-$ or US-6271038-$ or US-6270641-$ or US-6251343-$ or US-6238538-$ or US-6235175-$ or US-6221654-$).did. or (US-6167910-$ or US-6148508-$ or US-6143152-$ or US-	USPAT	OR	OFF	2003/01/10 15:07

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S19	12	(US-2634109-$ or US-3304063-$ or US-1842877-$ or US-3533594-$ or US-3825645-$ or US-3381336-$ or US-2734224-$ or US-3020579-$ or US-1409259-$ or US-3624896-$ or US-2956184-$ or US-3799742-$).did.	USOCR	OR	OFF	2003/01/10 15:07
S20	8	((US-5632876-$ or US-5599432-$ or US-5587128-$ or US-5573334-$ or US-5508234-$ or US-5500071-$ or US-5498392-$ or US-5486335-$ or US-5482598-$ or US-5427946-$ or US-5327777-$ or US-5304487-$ or US-5296375-$ or US-5205902-$ or US-4963498-$ or US-4908112-$ or US-4521117-$ or US-4516632-$ or US-4397100-$ or US-3849075-$ or US-6271038-$ or US-6270641-$ or US-6251343-$ or US-6238538-$ or US-6235175-$ or US-6221654-$).did. or (US-6167910-$ or US-	USPAT	OR	OFF	2003/01/10 15:09

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4728500-$ or US-

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4610170-$ or US-
4596780-$ or US-
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6010608-$ or US-
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5932315-$ or US-
5904824-$ or US-
5858195-$ or US-
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4891120-$ or US-
4532171-$ or US-
4629486-$ or US-
4385092-$ or US-
4365150-$ or US-
6176991-$ or US-
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S21	1	((US-2634109-$ or US-3304063-$ or US-1842877-$ or US-3533594-$ or US-3825645-$ or US-3381336-$ or US-2734224-$ or US-3020579-$ or US-1409259-$ or US-3624896-$ or US-2956184-$ or US-3799742-$).did.) and "boundary layer"	USOCR	OR	OFF	2003/01/10 15:10
S27	2	((US-3799742-$ or US-1842877-$ or US-2634109-$ or US-3304063-$ or US-2956184-$ or US-3624896-$ or US-1409259-$ or US-2734224-$ or US-3020579-$ or US-3533594-$ or US-3381336-$ or US-3825645-$).did.) and electrical	USOCR	OR	OFF	2003/05/13 11:58

| S47 | 9 | ((US-5932100-$ or US-5904424-$ or US-5858187-$ or US-5716852-$ or US-4397100-$ or US-6270641-$ or US-6148508-$ or US-6186659-$ or US-4792283-$ or US-4879011-$ or US-6368871-$ or US-6274337-$ or US-6176991-$ or US-5839467-$ or US-4868129-$ or US-4596780-$ or US-5904824-$ or US-6331073-$ or US-6524790-$ or US-6561968-$ or US-6260579-$ or US-6193866-$ or US-6116257-$ or US-6508273-$ or US-6475722-$ or US-6406605-$).did. or (US-6344120-$ or US-5429728-$ or US-5447617-$ or US-5092972-$ or US-5126022-$ or US-4911817-$ or US-6506609-$ or US-6197176-$ or US-5626734-$ or US-4390403-$ or US-6136272-$ or US-6134950-$ or US-6042709-$ or US-6010316-$ or US-5974867-$ or US-5971158-$ or US-5965410-$ or US-5965001-$ or US-5957579-$ or US-6361747-$ or US-4488816-$ or US-6130098-$ or US-6129826-$ or US-6120665-$ or US-6080295-$ or US-6065864-$ or US-6048734-$).did. or (US-6150119-$ or US-6186660-$).did.) and (acoustic or sound) | USPAT | OR | OFF | 2003/05/27 16:50 |

S48	1	((US-3687834-$ or US-2772862-$ or US-2714186-$).did.) and (acoustic or sound)	USOCR	OR	OFF	2003/05/27 16:51
S49	0	366/dig.4.ccls.	USOCR	OR	OFF	2003/05/27 16:51
S50	3	366/dig.4.ccls.	USPAT	OR	OFF	2003/05/27 16:51
S51	1	("4571087").PN.	USPAT; USOCR	OR	OFF	2003/06/14 18:09
S52	285	(366/127).CCLS.	USPAT; USOCR	OR	OFF	2003/06/14 18:47
S53	5	("4939405" | "5215446" | "5688405" | "6237619" | "6431212").PN.	USPAT	OR	OFF	2003/06/14 18:24
S54	0	"6568052".URPN.	USPAT	OR	OFF	2003/06/14 18:26
S55	1	("6210128").PN.	USPAT; USOCR	OR	OFF	2003/06/14 18:26
S56	12	("3840758" | "3963380" | "4115036" | "4296417" | "4395719" | "5085562" | "5525041" | "5674742" | "5736100" | "6003388" | "6010316" | "6091406").PN.	USPAT	OR	OFF	2003/06/14 18:26
S57	342	(366/108).CCLS.	USPAT; USOCR	OR	OFF	2003/06/14 19:00
S58	255	(366/145).CCLS.	USPAT; USOCR	OR	OFF	2003/06/14 18:57
S59	2	((366/145).CCLS.) AND sonic	USPAT	OR	OFF	2003/06/14 18:58
S60	594	((366/108).CCLS.) or ((366/145).CCLS.)	USPAT	OR	OFF	2003/06/14 18:58
S61	314966	(((366/108).CCLS.) or ((366/145).CCLS.)) and pressure sensor	USPAT	OR	OFF	2003/06/14 18:58
S62	8	(((366/108).CCLS.) or ((366/145).CCLS.)) and "pressure sensor"	USPAT	OR	OFF	2003/06/14 18:59
S63	615	((366/127).CCLS.) or ((366/108).CCLS.)	USPAT	OR	OFF	2003/06/14 19:00
S64	6	(((366/127).CCLS.) or ((366/108).CCLS.)) and "pressure sensor"	USPAT	OR	OFF	2003/06/14 19:09
S65	91	"stepper motor" and "ultrasonic" and ("mix" or "agitate")	USPAT	OR	OFF	2003/06/14 20:18

S66	21	("1734975" | "3301535" "3325976" | "3552536" "3811623" | "3837805" "3951605" | "4022579" "4259290" | "4582990" "4919807" | "4973876" "5176446" | "5206171" "5380487" | "5413770" "5446263" | "5496517" "5722444" | "5736100" "5779985").PN.	USPAT	OR	OFF	2003/06/14 19:18
S67	0	"stepper motor" and "5779985".pn.	USPAT	OR	OFF	2003/06/14 20:17
S68	41	"stepper motor" and "ultrasonic" and ("mix" or "agitate") and tubes	USPAT	OR	OFF	2003/06/14 20:18
S69	30	("2565159" | "2632634" "2855526" | "2864592" "2950725" | "3066686" "3194640" | "3396286" "3786890" | "4307964" "4488816" | "4834124" "5037481" | "5484573" "5523058" | "5688406" "5736100" | "5779985" "5890802" | "6010316" "6100084" | "6210128" "6244738" | "6277332" "6284113" | "6316747" "6361747" | "6413783" "6515030" | "RE31779").PN.	US-PGPUB; USPAT	OR	OFF	2005/09/13 13:12
S70	33	("0001779" | "2565159" "2632634" | "2855526" "2864592" | "2950725" "3066686" | "3194640" "3396286" | "3614069" "3876890" | "4307964" "4488816" | "4571087" "4834124" | "5026167" "5037481" | "5484573" "5523058" | "5639423" "5688406" | "5736100" "5779985" | "5890802" "6010316" | "6100084" "6210128" | "6244738" "6277332" | "6284113" "6361747" | "6413783" "6515030").PN.	US-PGPUB; USPAT	OR	OFF	2005/09/13 13:12
S71	6	S70 not S69	US-PGPUB; USPAT	OR	OFF	2005/09/13 13:12

S72	41	(US-3720402-$ or US-3743523-$ or US-3762368-$ or US-3851861-$ or US-4117550-$ or US-4307964-$ or US-4433916-$ or US-4463708-$ or US-4488816-$ or US-4571087-$ or US-4879011-$ or US-5276376-$ or US-5395592-$ or US-5484573-$ or US-5523058-$ or US-5626734-$ or US-5646039-$ or US-5674742-$ or US-5688405-$ or US-5688406-$ or US-5736100-$ or US-5902489-$ or US-5965001-$ or US-6003388-$ or US-6010316-$ or US-6042709-$).did. or (US-6048734-$ or US-6080295-$ or US-6193866-$ or US-6210128-$ or US-6277332-$ or US-6361747-$ or US-6413783-$ or US-6440725-$ or US-6515030-$ or US-6568052-$ or US-RE29161-$).did. or (US-2632634-$ or US-2714186-$ or US-2772862-$ or US-2864592-$).did.	USPAT; USOCR	AND	ON	2005/09/13 13:12
S73	60	S69 or S70 or S71 or S72	US-PGPUB; USPAT	AND	ON	2005/09/13 13:14
S74	5	laugharn and garrison	US-PGPUB; USPAT	AND	ON	2005/09/13 13:14
S75	14	S73 and sensor	US-PGPUB; USPAT	AND	ON	2005/09/13 13:32
S76	17	S73 and ("100" same (kilohertz or khz or megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:52
S77	23	("2714186" | "3169013" | "3176964" | "3301535").PN. OR ("3614069").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2005/09/13 13:46

| S78 | 60 | (US-6515030-$ or US-6413783-$ or US-6361747-$ or US-6568052-$ or US-6440725-$ or US-6316747-$ or US-6284113-$ or US-6277332-$ or US-6244738-$ or US-6210128-$ or US-6193866-$ or US-6100084-$ or US-6080295-$ or US-6048734-$ or US-6042709-$ or US-6010316-$ or US-6003388-$ or US-5965001-$ or US-5902489-$ or US-5890802-$ or US-5779985-$ or US-5736100-$ or US-5688406-$ or US-5688405-$ or US-5674742-$ or US-5646039-$).did. or (US-5639423-$ or US-5626734-$ or US-5523058-$ or US-5484573-$ or US-5395592-$ or US-5276376-$ or US-5037481-$ or US-5026167-$ or US-4879011-$ or US-4834124-$ or US-4571087-$ or US-RE31779-$ or US-4488816-$ or US-4463708-$ or US-4433916-$ or US-4307964-$ or US-4117550-$ or US-RE29161-$ or US-3876890-$ or US-3851861-$ or US-3786890-$ or US-3762368-$ or US-3743523-$ or US-3720402-$ or US-3614069-$ or US-3396286-$ or US-3194640-$).did. or (US-3066686-$ or US-2950725-$ or US-2864592-$ or US-2855526-$ or US- | USPAT | AND | ON | 2005/09/13 13:48 |

		2632634-$ or US-2565159-$ or US-0001779-$).did.				
S79	69	(US-6515030-$ or US-6413783-$ or US-6361747-$ or US-6568052-$ or US-6440725-$ or US-6316747-$ or US-6284113-$ or US-6277332-$ or US-6244738-$ or US-6210128-$ or US-6193866-$ or US-6100084-$ or US-6080295-$ or US-6048734-$ or US-6042709-$ or US-6010316-$ or US-6003388-$ or US-5965001-$ or US-5902489-$ or US-5890802-$ or US-5779985-$ or US-5736100-$ or US-5688406-$ or US-5688405-$ or US-5674742-$ or US-5646039-$).did. or (US-5639423-$ or US-5626734-$ or US-5523058-$ or US-5484573-$ or US-5395592-$ or US-5276376-$ or US-5037481-$ or US-5026167-$ or US-4879011-$ or US-4834124-$ or US-4571087-$ or US-RE31779-$ or US-4488816-$ or US-4463708-$ or US-4433916-$ or US-4307964-$ or US-4117550-$ or US-RE29161-$ or US-3876890-$ or US-3851861-$ or US-3786890-$ or US-3762368-$ or US-3743523-$ or US-3720402-$ or US-3614069-$ or US-3396286-$ or US-3194640-$).did. or (US-3066686-$ or US-	US-PGPUB; USPAT; USOCR	AND	ON	2005/09/13 13:48

		2950725-$ or US-2864592-$ or US-2855526-$ or US-2632634-$ or US-2565159-$ or US-0001779-$).did.				
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| S81 | 0 | S75 and ("100" adj2 (kilohertz or khz or megahertz or mhz)) | US-PGPUB; USPAT | AND | ON | 2005/09/13 13:52 |

S82	0	S75 and ("100" near3 (kilohertz or khz or megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:52
S83	63	S80 and ("100" near3 (kilohertz or khz or megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:53
S84	56	S80 and ("100" adj2 (kilohertz or khz or megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:53
S85	26	S80 and ("200" adj2 (kilohertz or khz or megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:53
S86	12	S80 and ("300" adj2 (kilohertz or khz or megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:53
S87	11	S80 and ("400" adj2 (kilohertz or khz or megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:53
S88	23	S80 and ("500" adj2 (kilohertz or khz or megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:54
S89	15	S80 and ("600" adj2 (kilohertz or khz or megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:54
S90	1	S80 and ("700" adj2 (kilohertz or khz or megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:54
S91	11	S80 and ("800" adj2 (kilohertz or khz or megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:54
S92	6	S80 and ("900" adj2 (kilohertz or khz or megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:54
S93	37	S80 and ("10" adj2 (megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:55
S94	13	S80 and ("20" adj2 (megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:55
S95	12	S80 and ("30" adj2 (megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:55
S96	16	S80 and ("40" adj2 (megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:55
S97	7	S80 and ("50" adj2 (megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:55
S98	0	S80 and ("60" adj2 (megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:55
S99	0	S80 and ("70" adj2 (megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:55
S100	0	S80 and ("75" adj2 (megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:55

S101	5	S80 and ("80" adj2 (megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:56
S102	0	S80 and ("90" adj2 (megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:56
S103	14	S80 and ("100" adj2 (megahertz or mhz))	US-PGPUB; USPAT	AND	ON	2005/09/13 13:56
S104	0	i30-i40	US-PGPUB; USPAT	AND	ON	2005/09/13 13:56
S105	0	i30-i40	US-PGPUB; USPAT	OR	ON	2005/09/13 13:56
S106	68	S93 S94 S95 S96 S97 S103	US-PGPUB; USPAT	OR	ON	2005/09/13 14:14
S107	0	S105 and (ultrasonic or sonic)	US-PGPUB; USPAT	OR	ON	2005/09/13 14:14
S108	60	S106 and (ultrasonic or sonic)	US-PGPUB; USPAT	OR	ON	2005/09/13 14:14
S109	49	(US-20020009015-$ or US-20040264293-$ or US-20050132775-$ or US-20050150830-$).did. or (US-2565159-$ or US-2855526-$ or US-2864592-$ or US-3169013-$ or US-3194640-$ or US-3396286-$ or US-3614069-$ or US-3743523-$ or US-3851861-$ or US-4307964-$ or US-4488816-$ or US-4571087-$ or US-4879011-$ or US-4983189-$ or US-5026167-$ or US-5276376-$ or US-5395592-$ or US-5484573-$ or US-5523058-$ or US-5626734-$ or US-5646039-$ or US-5674742-$ or US-5688405-$ or US-5688406-$ or US-5736100-$ or US-5739432-$).did. or (US-5779985-$ or US-5831166-$ or US-5965001-$ or US-6003388-$ or US-6010316-$ or US-6039309-$ or US-6086821-$ or US-6090295-$ or US-	US-PGPUB; USPAT	AND	ON	2005/09/13 15:59

		6100084-$ or US-6210128-$ or US-6244738-$ or US-6277332-$ or US-6361747-$ or US-6413783-$ or US-6440725-$ or US-6515030-$ or US-6719449-$ or US-6764860-$ or US-6859050-$).did.				
S110	17	S109 and sensor	US-PGPUB; USPAT	AND	ON	2005/09/13 16:00
S111	14	S109 and sensor and ultrasonic	US-PGPUB; USPAT	AND	ON	2005/09/14 09:29
S112	160	366/132.ccls.	US-PGPUB; USPAT	AND	ON	2005/09/14 09:31
S113	187	366/132.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2005/09/14 09:31
S114	13	366/132.ccls. and vibrator	US-PGPUB; USPAT; USOCR	AND	ON	2005/09/14 09:32
S115	49	366/132.ccls. and sensor	US-PGPUB; USPAT; USOCR	AND	ON	2005/09/14 09:37
S116	36	366/151.1.ccls. and sensor	US-PGPUB; USPAT; USOCR	AND	ON	2005/09/14 09:39
S117	0	366/151.1,152.1,ccls. and charateristic	US-PGPUB; USPAT; USOCR	AND	ON	2005/09/14 09:40
S118	0	366/152.1,ccls. and charateristic	US-PGPUB; USPAT; USOCR	AND	ON	2005/09/14 09:40
S119	0	366/151.1,152.1,ccls. and charateristic	US-PGPUB; USPAT; USOCR	AND	ON	2005/09/14 09:41
S120	0	366/152.1,ccls. and charateristic	US-PGPUB; USPAT; USOCR	AND	ON	2005/09/14 09:40
S121	0	366/152.1,ccls. and charateristic	US-PGPUB; USPAT; USOCR	AND	ON	2005/09/14 09:40
S122	1017	charateristic	US-PGPUB; USPAT; USOCR	AND	ON	2005/09/14 09:41
S123	2070398	Characteristic	US-PGPUB; USPAT; USOCR	AND	ON	2005/09/14 09:41
S124	112	366/151.1,152.1.ccls. and Characteristic	US-PGPUB; USPAT; USOCR	AND	ON	2005/09/14 09:44
S125	4	"5993671"	US-PGPUB; USPAT; USOCR	AND	ON	2005/09/14 09:44

| S126 | 44 | ("0001779" \| "2565159" \| "2632634" \| "2855526" \| "2864592" \| "2950725" \| "3066686" \| "3194640" \| "3396286" \| "3614069" \| "3743523" \| "3876890" \| "4307964" \| "4488816" \| "4571087" \| "4834124" \| "4879011" \| "4983189" \| "5026167" \| "5037481" \| "5395592" \| "5484573" \| "5523058" \| "5639423" \| "5688406" \| "5736100" \| "5779985" \| "5831166" \| "5890802" \| "5993671" \| "6003388" \| "6010316" \| "6039309" \| "6086821" \| "6100084" \| "6210128" \| "6224778" \| "6244738" \| "6277332" \| "6284113" \| "6361747" \| "6413783" \| "6440725" \| "6515030").PN. | USPAT | OR | OFF | 2006/03/16 12:52 |
| S127 | 50 | (US-20050150830-$ or US-20050132775-$ or US-20040264293-$ or US-20020009015-$).did. or (US-6859050-$ or US-6764860-$ or US-6719449-$ or US-6515030-$ or US-6440725-$ or US-6413783-$ or US-6361747-$ or US-6277332-$ or US-6244738-$ or US-6224778-$ or US-6210128-$ or US-6100084-$ or US-6090295-$ or US-6086821-$ or US-6039309-$ or US-6010316-$ or US-6003388-$ or US-5965001-$ or US-5831166-$ or US-5779985-$ or US-5739432-$ or US-5736100-$ or US-5688406-$ or US-5688405-$ or US-5674742-$ or US-5646039-$).did. or (US-5626734-$ or US-5523058-$ or US-5484573-$ or US-5395592-$ or US- | US-PGPUB; USPAT | OR | OFF | 2008/06/07 15:39 |

		5276376-$ or US- 5026167-$ or US- 4983189-$ or US- 4879011-$ or US- 4571087-$ or US- 4488816-$ or US- 4307964-$ or US- 3851861-$ or US- 3743523-$ or US- 3614069-$ or US- 3396286-$ or US- 3194640-$ or US- 3169013-$ or US- 2864592-$ or US- 2855526-$ or US- 2565159-$).did.					
S128	17	S127 and (focus or foci for focused or vertex)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/07 15:40
S129	511	("2565159" | "2578505" | "2632634" | "2766881" | "2855526" | "2864592" | "2907455" | "2950725" | "3056589" | "3066686" | "3109721" | "3117768" | "3118979" | "3194640" | "3396286" | "3463321" | "3464672" | "3544733" | "3573781" | "3614069" | "3625884" | "3638087" | "3650094" | "3683212" | "3746897" | "3753886" | "3799742" | "3805596" | "3840758" | "3876890" | "3946829" | "3963380" | "4013552" | "4055491" | "4071225" | "4114194" | "4115036" | "4168295" | "4171852" | "4249146" | "4275363" | "4280823" | "4282532" | "4296417" | "4302728" | "4307964" | "4308547" | "4339247" | "4346011" | "4369100" | "4383264" | "4390976" | "4395719" | "4398925" | "4426451" | "4433916" | "4468680" | "4488816" | "4523682" | "4554477" | "4556467" | "4559826" | "4562413" | "4571087" | "4620917" | "4642220" | "4654546" | "4673512" | "4687962" | "4688199" | "4703213" | "4736130"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/07 15:42

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"4855240" | "4864547"
"4868521" | "4879011"
"4885783" | "4888565"
"4891120" | "4895500"
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"4914256" | "4914641"
"4915812" | "4918025"
"4921952" | "4923978"
"4941135" | "4963498"
"4983189" | "4983523"
"5006266" | "5026167"
"5033033" | "5037481"
"5061446" | "5065066"
"5076854" | "5085562"
"5085783" | "5087379"
"5114858" | "5124444"
"5130031" | "5143084"
"5144146" | "5155018"
"5158071" | "5164094"
"5188963" | "5192450"
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"5229297" | "5234809"
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"5543305" | "5558837"
"5580435" | "5580794"
"5581286" | "5585069"
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"5616701" | "5639423"
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"5643738" | "5652141"
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"5858188" | "5863502"
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S130	736140	(focus or foci for focused or vertex)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/07 15:43
S131	1176978	acoustic or sonic or ultrasonic or sound	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/07 15:44
S132	96099	S131 and S130	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/07 15:44
S133	162	S129 and S130	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/07 15:44
S134	100	S133 and (mm or cm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/07 16:47

S135	35	S133 and ((mm or cm) same (focus or foci or focused or vortex))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/07 16:48
S136	696056	(focus or foci or focused or vertex)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/07 16:50
S137	1779117	S136 or S131	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/07 16:50
S138	360404	S137 and (mm or cm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/07 16:51
S139	39718	((mm or cm) same (focus or foci or focused or vortex))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/07 16:51
S140	35625	S139 and S138	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/07 16:51
S141	2495	megasonic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/07 16:51
S142	2495	S141	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/07 16:51
S143	313	S141 and S136	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/07 16:51
S144	31	S141 and S136 and S139	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/07 16:52
S145	1	("6440725").PN.	US-PGPUB; USPAT	OR	OFF	2008/06/07 17:20

S146	3	gigasonic	US-PGPUB; USPAT	OR	OFF	2008/06/07 17:24
S147	73	(US-20050150830-$ or US-20050132775-$ or US-20040264293-$ or US-20020009015-$ or US-20070262676-$ or US-20030000550-$).did. or (US-6210128-$ or US-6003388-$ or US-5523058-$ or US-5395592-$ or US-5276376-$ or US-4983189-$ or US-7381241-$ or US-7340957-$ or US-7329039-$ or US-7275807-$ or US-7267659-$ or US-7267654-$ or US-7258674-$ or US-7232549-$ or US-7125387-$ or US-7118540-$ or US-7108137-$ or US-7105304-$ or US-7083117-$ or US-6948843-$ or US-6925856-$ or US-6914364-$ or US-6878540-$ or US-6869551-$ or US-6845778-$ or US-6808934-$).did. or (US-6773408-$ or US-6749406-$ or US-6748332-$ or US-6746104-$ or US-6666541-$ or US-6642061-$ or US-6612686-$ or US-6548308-$ or US-6284113-$ or US-6216538-$ or US-5858104-$ or US-5665141-$ or US-5591490-$ or US-5525041-$ or US-4339247-$ or US-4184094-$ or US-6938987-$ or US-5085783-$ or US-5158071-$ or US-5292686-$ or US-6572710-$ or US-6446296-$ or US-6719449-$ or US-	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/07 08:38

		6440725-$ or US-6413783-$ or US-6010316-$ or US-5831166-$).did. or (US-5688406-$ or US-2565159-$ or US-6946773-$ or US-6881541-$ or US-5834871-$ or US-5681396-$ or US-5286657-$ or US-4764905-$ or US-6802593-$).did. or (US-2632634-$ or US-3463321-$ or US-3066686-$ or US-2950725-$ or US-2855526-$).did.				
S148	41553	(mm or cm) same (focus or foci or focused or vortex)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/07 08:39
S149	742936	(focus or foci or focused or vortex)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/07 08:39
S150	460255	(kilohertz or khz or megahertz or mhz or $5hertz)	US-PGPUB; USPAT	AND	ON	2008/12/07 08:40
S151	635179	(kilohertz or khz or megahertz or mhz or $5hertz or $1hz)	US-PGPUB; USPAT	AND	ON	2008/12/07 08:40
S152	99527	(kilohertz or khz or megahertz or mhz or $5hertz or $1hz) and (focus or foci or focused or vortex)	US-PGPUB; USPAT	AND	ON	2008/12/07 08:41
S153	442631	(kilohertz or khz or megahertz or mhz or $5hertz or $1hz) and (focus or foci or focused or vortex or point)	US-PGPUB; USPAT	AND	ON	2008/12/07 08:41
S154	406695	acoustic or acoustil4 or sonic or sonic$4 or $5sonic	US-PGPUB; USPAT	AND	ON	2008/12/07 08:42
S155	83569	S153 and S154	US-PGPUB; USPAT	AND	ON	2008/12/07 08:43
S156	47033	S155 and (fluid or liquid)	US-PGPUB; USPAT	AND	ON	2008/12/07 08:44
S157	51	S155 and (fluid or liquid) and S147	US-PGPUB; USPAT	AND	ON	2008/12/07 08:47

S161	4260152	"50" or "100"	US-PGPUB; USPAT	OR	ON	2008/12/07 08:49
S162	4489578	"25" "75" "100"	US-PGPUB; USPAT	OR	ON	2008/12/07 08:51
S163	5316472	"20" "30" "40" "50"	US-PGPUB; USPAT	OR	ON	2008/12/07 08:52
S164	3496895	"60" "70" "80" "90"	US-PGPUB; USPAT	OR	ON	2008/12/07 08:52
S165	442631	(kilohertz or khz or megahertz or mhz or $5hertz or $1hz) and (focus or foci or focused or vortex or point)	US-PGPUB; USPAT	AND	ON	2008/12/07 08:53
S166	406694	acoustic or acousti!4 or sonic or sonic$4 or $5sonic	US-PGPUB; USPAT	AND	ON	2008/12/07 08:53
S167	83569	S165 and S166	US-PGPUB; USPAT	AND	ON	2008/12/07 08:53
S168	47033	S167 and (fluid or liquid)	US-PGPUB; USPAT	AND	ON	2008/12/07 08:53
S169	45194	S168 and S162	US-PGPUB; USPAT	AND	ON	2008/12/07 08:54
S170	46590	S168 and S163	US-PGPUB; USPAT	AND	ON	2008/12/07 08:54
S171	40868	S168 and S164	US-PGPUB; USPAT	AND	ON	2008/12/07 08:54
S172	4489578	"25" "75" "100"	US-PGPUB; USPAT	OR	ON	2008/12/07 08:55
S173	4792458	S172 near$1 (kilohertz or khz or megahertz or mhz or $5hertz or $1hz)	US-PGPUB; USPAT	OR	ON	2008/12/07 08:55
S174	442631	(kilohertz or khz or megahertz or mhz or $5hertz or $1hz) and (focus or foci or focused or vortex or point)	US-PGPUB; USPAT	AND	ON	2008/12/07 08:56
S175	406701	acoustic or acousti!4 or sonic or sonic$4 or $5sonic	US-PGPUB; USPAT	AND	ON	2008/12/07 08:56
S176	83569	S174 and S175	US-PGPUB; USPAT	AND	ON	2008/12/07 08:56
S177	47033	S176 and (fluid or liquid)	US-PGPUB; USPAT	AND	ON	2008/12/07 08:56
S178	4260152	"50" or "100"	US-PGPUB; USPAT	OR	ON	2008/12/07 08:56
S179	4489578	"25" "75" "100"	US-PGPUB; USPAT	OR	ON	2008/12/07 08:56

S180	442631	(kilohertz or khz or megahertz or mhz or $5hertz or $1hz) and (focus or foci or focused or vortex or point)	US-PGPUB; USPAT	AND	ON	2008/12/07 08:57
S181	406701	acoustic or acousti!4 or sonic or sonic$4 or $5sonic	US-PGPUB; USPAT	AND	ON	2008/12/07 08:57
S182	83569	S180 and S181	US-PGPUB; USPAT	AND	ON	2008/12/07 08:57
S183	47033	S182 and (fluid or liquid)	US-PGPUB; USPAT	AND	ON	2008/12/07 08:57

1/21/2009 9:39:53 AM
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\ Focused Acoustic digest\ Acoustic Sound focused 2cm flow in out.wsp